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ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

ROBERT RUTHERFORD

(M.C.) M.B., B.S., D.P.H., B.HY.,

FOR THE YEAR

1944.



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BOROUGH OF WALLSEND.
SANITARY COMMITTEE.

Chairman—ALDERMAN J. PATON, J.P.

Vice-Chairman—ALDERMAN J. FREEBURN, J.P.

The Mayor—ALDERMAN A. McFARLANE, J.P.

ALDERMAN J. A. FREEBURN, J.P.	ALDERMAN J. PATON, J.P.
„ F. O. HOWE	„ R. B. H. WEBSTER,
„ J. MULLARKEY	J.P.
COUNCILLOR T. G. ALLAN.	COUNCILLOR H. RYAN
„ W. BROWN	„ H. SMITH
„ T. FALCONER	„ A. SUMMERELL
„ F. HARMAN	„ A. SUTHERLAND
„ R. A. LOWDON	„ T. TIPPET
„ W. R. PEASE	„ E. TURPIN
„ J. RICHARDSON	

Maternity & Child Welfare Committee

Chairman—COUNCILLOR H. RYAN.

Vice-Chairman—ALDERMAN J. MASON, J.P.

The Mayor—ALDERMAN A. McFARLANE, J.P.

ALDERMAN J. A. FREEBURN, J.P.	ALDERMAN J. PATON, J.P.
„ F. O. HOWE	„ A. M. WALLACE
„ J. MASON, J.P.	„ R. B. H. WEBSTER,
„ P. J. McARDLE, J.P.	J.P.
COUNCILLOR J. E. BROWN	COUNCILLOR J. RICHARDSON
„ H. DAGLISH	„ G. RIMER
„ T. FALCONER	„ H. RYAN
„ H. GILCHRIST	„ H. SMITH
„ R. A. LOWDON	„ A. SUTHERLAND
„ W. R. PEASE	

AND

MRS. A. ALLEN	MRS. E. A. MOORE
MRS. M. S. BLACKWELL	MRS. H. MORGAN
MRS. H. GLADSTONE	MRS. M. D. PATON
MRS. M. I. HOWE	MRS. M. J. PEASE

STAFF OF PUBLIC HEALTH DEPARTMENT.

Office.	Name	Qualifications.	Whole or Part Time.	Salary contrib'd under Public Health Acts or by Exchequer Grants.
Medical Officer of Health, Principal Sch'l. Medical Officer, Medical Supt. Maternity and Child Welfare	Robert Rutherford	M.B., B.S., D.P.H., B.Hy.	Whole Time	Both
Sanitary and Housing Inspect. Inspector under Diseases of Animals Act, Inspector under Shops Act, Inspector under Petroleum Acts, Public Cleansing Officer.	William Johnson	San. Insp. Cert. R.S.I.. Meat Insp. Cert. R.S.I., M.I.P.C.	do.	P.H. Acts
Deputy Chief Sanitary Inspector. Deputy Public Cleansing Officer.	William L. Black	San. Insp. Cert. R.S.I. Cert. Build'g. Constr.	Whole Time	Nil.
1st Asst. Sanitary Inspector	J. G. Dixon	San. Insp. Cert. R.S.I. Meat Insp. Cert. R.S.I.	do.	Nil.
2nd Asst. Sanitary Inspector	Norman Pounder	San. Insp. Cert. R.S.I. Meat Insp. Cert. R.S.A. (Scot.)	do.	Nil.
Health Visitors and School Nurses..	Miss H. Maddison	Hosp. trained & C.M.B. Cert.	do.	Exch. Grants
	Mrs. M. Harrison	Hosp. trained H.V. Cert. R. San. Inst. C.M.B. Cert.	do.	do.
	Miss N. Forrest	Hosp. trained New H.V. Cert. R. San. Inst. & C.M.B. Cert.	do.	do.
	Mrs. L. Charlton	Hosp. trained & C.M.B. Cert.	do	do.
	Miss M. Parker	Hosp. trained & C.M.B. Cert. New H.V. Cert. R. San. Inst.	do.	do.
	P. Milne	San. Insp. Cert. R.S.I.	do.	Nil
† Chief Clerk	P. Milne	San. Insp. Cert. R.S.I.	do.	Nil
Clerk (School Medical)	Miss G. M. Burn		do.	Exch. Grants
Clerk (M. & Child Welfare)	„ C. M. Drummond		do.	Nil.
Temporary Clerk	Mrs. E. Redford		do.	Nil.

† On Military Service.

HEALTH DEPARTMENT,
TOWN HALL,
WALLSEND-ON-TYNE,

April, 1946.

To the Chairman and Members of the Sanitary Committee.

MR. CHAIRMAN, LADIES AND GENTLEMEN,

I herewith present my Annual Report on the health of the Borough for the year 1944, completed to comply with the requirements of the Ministry of Health and furnish statistics relevant to the sanitary conditions and health and well-being of the inhabitants.

Notwithstanding continued intensified war conditions and enemy activities throughout the year and despite rationing and other depressing conditions and anxieties incidental to war, it is pleasing to record there was an absence of epidemics and a sustained general health and well-being of the people as evidenced by a local death rate comparable with, and a birth rate very much above that for the County generally, whilst the infantile mortality rate for the year though still somewhat high pleasingly shows much diminution compared to the preceding two years.

Satisfactory immunisation progress was made in establishing protection against Diphtheria of over 80% of the local young population concerning which it is significant to note that neither of the two children who died from this disease had been immunised.

It is worthy of record that a much belated nursery provision of infant children was established during the year by the opening of the two War-time Day Nurseries each for 50 infants and toddlers in Wallsend and Willington Quay respectively.

In presenting this Report I am pleased to avail myself of the opportunity of expressing my thanks to the Committee for their consideration and support, as well as my indebtedness to a depleted departmental staff for their co-operation.

I am,

Your obedient servant,

ROBERT RUTHERFORD,

Medical Officer of Health.

STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

(1) Area of the Borough	...	...	3,543·993 acres
(2) Population at Census 1931	...	...	44,587
(3) Population 1944	...	...	43,960
Registrar General's Estimate	...	...	
(4) No. of inhabited houses at end of 1944 (estimated)			12,604
(5) Rateable Value	...	...	£251,232
(6) Product of a penny rate	...	...	£1,005 16d. 6d.

Social Conditions.—The Municipal Borough of Wallsend with an area of 3,543.933 acres and a river frontage of 2.1 miles on the north bank of the River Tyne, is situated between the City and County of Newcastle upon Tyne on the west and the County Borough of Tynemouth on the east in both of which directions it is already built up so that all future housing or industrial developments can only be established northwards.

The area is almost entirely an industrial one, the chief industries being shipbuilding and repairing, marine and general engineering, rope making, as well as coal mining and coal export.

The larger firms operate welfare schemes and provide canteen and recreation facilities for their employees besides which the local Colliery Welfare Scheme has established pit-head baths.

Whereas formerly with the exception of a large rope works in the area employing mostly unmarried female workers, it had not been the local custom to industrially employ female labour, but the pressing needs of war and the Government's Essential Works Order has occasioned a large influx of married as well as single female labour into local industries.

PUBLIC ASSISTANCE.

The amount in Public Assistance paid during the last six years is shown as follows :—

1939	...	...	£22,980	2	7
1940	...	...	£20,451	10	6
1941	...	...	£14,334	16	8
1942	...	...	£12,151	17	5
1943	...	...	£12,787	12	9
1944	...	...	£12,909	3	7

The amount of Public Assistance paid and the number of admissions to Public Assistance Institutions during 1944 was as hereunder :—

RELIEF DISTRICT.

	EAST.			WEST.			CENTRAL.			TOTAL.		
	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.
Outdoor Relief												
Cash	4,344	18	0	4,280	11	0	3,858	8	9	12,483	17	9
Kind	195	13	6	116	12	10	113	9	3	425	15	7
Total	4,540	11	6	4,397	3	10	3,971	18	0	12,909	3	4
Admissions to Institutions.	96			65			119			280		

EXTRACTS FROM VITAL STATISTICS.

	Total.	Male.	Female.	
Live Births—				
Legitimate	...1013	530	483	Birth Rate per 1,000 of the estimated resident popu- lation 24.2
Illegitimate	... 52	28	24	
Still Births—				
Legitimate	... 22	7	15	Rate per 1,000 total (live and still births) 23.8
Illegitimate	... 4	3	1	
Deaths	... 526	301	225	Death Rate per 1,000 of the estimated resident popu- lation 11.9

Deaths from Puerperal Causes (Maternal Mortality)—

Death rate per 1,000 live and still births.

Puerperal and Post Abortive Sepsis	...	...	...	0.91
Other Maternal Causes	...	...	...	1.8

Death Rate of Infants under one year of age (Infantile Mortality)—

All Infants per 1,000 live births	...	...	...	59.1
Legitimate Infants per 1,000 legitimate live births	...	...	...	59.2
Illegitimate Infants per 1,000 illegitimate live births	...	...	...	57.7

Number of Deaths from Cancer (all ages)	...	...	...	75
Number of Deaths from Measles (all ages)	...	...	...	Nil
Number of Deaths from Whooping Cough (all ages)	...	...	...	4
Number of Deaths from Diarrhoea (under 2 years of age)	...	...	...	1

VITAL STATISTICS.

Population.—The population of the Borough at the 1931 census was 44,587.

For 1944 the Registrar General has fixed the Resident Population of Wallsend as 43,960.

For yearly records of population see Table I in Appendix table.

BIRTHS.

Births.—During 1944 there were 1065 live births and a birth rate of 24.2 per 1,000 population compared with 893 births and a rate of 20.7 for the preceding year. Of the total births 558 were males and 507 females. These figures regarding births are the Registrar General's corrected number for "Inward" and "Outward" transfer births.

There were 52 illegitimate births (28 male and 24 female), or 4.88 per cent. of the total live births.

The annual birth rates for the Borough since 1913 are shown in Table I of the appendix. The number of births reported to the Health Department under the Public Health Act, 1936, is shown in Table VI of the appendix.

The birth rate for the Borough compared with that of the country generally is hereunder :—

	Per 1,000 population					
England and Wales	...	...	...	...	...	17.6
126 County Boroughs and Great Towns	...	...	...	...	...	20.3
148 Smaller Towns	...	...	...	...	...	20.9
London	...	...	...	...	...	15.0
Wallsend	...	...	...	...	...	24.2

The Birth Rate of 24.2 for the year 1944 remains much higher than the rates for England and Wales and the Country generally.

Births registered in the respective wards for the years 1940 to 1944 were as hereunder :—

WARDS				1940	1941	1942	1943	1944
Northumberland	...	...	...	20	16	9	19	28
Wallsend	...	...	...	84	59	63	68	85
Carville	...	...	...	53	55	52	57	72
*Buddle	...	...	...	444	440	446	484	549
Holy Cross	...	...	...	52	41	34	38	44
Hadrian	...	...	...	63	55	56	45	53
Willington	...	...	...	83	76	70	91	115
Willington Quay	...	...	...	42	19	26	25	29
Howdon	...	...	...	58	41	40	43	59
Totals ...				899	802	796	870	1034
Registrar-General's corrected number				863	847	855	893	1065

The large number of births assignable to the Buddle Ward is accounted for by the notification of births from the Wallsend Maternity Hospital, in which ward the hospital is situated. Many such notifications should properly be assigned to other wards in the area, whilst some also are outward transfer births assignable to other authorities.

Still Births.—The number of Still-births registered during 1943 as supplied by the Registrar General was :—

	Male.	Female.	Total.
Legitimate	7	15	22
Illegitimate	3	1	4
	10	16	26

Still-births in Wallsend compared with the country generally are as hereunder :—

	Per 1,000 population.
England & Wales	0.50
126 County Boroughs and Great Towns ...	0.64
148 Smaller Towns	0.61
London	0.42
Wallsend	0.59

DEATHS.

Deaths.—During 1944, 526 deaths of Wallsend residents occurred, which is equivalent to an annual death rate of 11.9 per 1000 of the population as compared with a rate of 13.1 in 1943 and 11.3 in 1942. Included in the number of deaths are those of 156 residents of the Borough who died elsewhere, but 21 residents of other areas who died in Wallsend are excluded.

CHIEF CAUSES OF MORTALITY DURING THE YEAR.

	No. of Deaths.	Percentage of total Deaths.
Heart Disease	155	29.5
Tuberculosis (all forms)	38	7.2
Intra Cranial Vascular Lesions	42	8.0
Cancer	75	14.2
Pneumonia	26	4.9
Prematurity, and diseases of early infancy	14	2.7
Bronchitis	24	4.5
Violence and accidents	22	4.2
Nephritis	9	1.7

Deaths of infants (under one year of age) and maternal deaths are recorded in the section of the report which deals with Maternity and Child Welfare.

The death rate for Wallsend as compared with that for the country generally is as follows :— Per 1,000 Population.

England and Wales	...	...	...	...	...	11.6
126 County Boroughs and Great Towns	...	...	...	...	...	13.7
148 Smaller Towns	...	...	...	...	...	12.4
London	...	...	...	...	...	15.7
Wallsend	...	...	...	...	...	11.9

The Death Rate for the year of 11.9 per 1,000 of the population compares very favourably with the rate of 11.6 for England and Wales and also for the Country generally.

DEATHS OF RESIDENTS NOT REGISTERED IN THE BOROUGH

INSTITUTION OR DISTRICT.						Total Deaths
General Hospital, North Shields...	...	...	...	...	...	63
Royal Victoria Infirmary, Newcastle	...	...	...	...	...	42
Fleming Memorial Hospital, Newcastle...	...	...	...	...	...	7
St. George's Hospital, Morpeth	...	...	...	...	...	6
General Hospital, Newcastle	...	...	...	...	...	6
Emergency Hospital, Shotley Bridge	...	...	...	...	...	3
Princess Mary Maternity Hospital, Newcastle	...	...	...	...	...	3
Emergency Hospital, Hexham	...	...	...	...	...	2
Thomas Taylor Homes, Stannington	...	...	...	...	...	2
Wooley Sanatorium, Hexham	...	...	...	...	...	1
Emergency Hospital, Ponteland...	...	...	...	...	...	1
Throat, Nose and Ear Hospital, Newcastle	...	...	...	...	...	1
Babies Hospital, Stannington	...	...	...	...	...	1
City Hospital for Infectious Diseases, Newcastle	...	...	...	...	...	1
Newcastle U.D.	...	...	...	...	...	5
Sunderland U.D.	...	...	...	...	...	2
Hebburn U.D.	...	...	...	...	...	2
Tynemouth U.D.	...	...	...	...	...	1
Hexham R.D.	...	...	...	...	...	1
Blaydon U.D.	...	...	...	...	...	1
Carlisle U.D.	...	...	...	...	...	1
Leeds U.D.	...	...	...	...	...	1
Surbiton U.D.	...	...	...	...	...	1
Stokesley R.D.	...	...	...	...	...	1
Barnard Castle R.D.	...	...	...	...	...	1
TOTAL						156

Natural Increase of Population.—The number of births in excess of deaths during 1944 was 539 as compared with 328 in 1943 and 361 in 1942.

Age at Death.		No. of Deaths.	Percentage of Total.
Under one year	...	63	11.90
1— 2 years	...	3	0.57
2— 5 „	...	5	0.96
5—15 „	...	9	1.71
15—25 „	...	18	3.42
25—45 „	...	54	10.26
45—65 „	...	145	27.57
65 years and upwards	...	229	43.60

The following table shows the classification of deaths from all causes (Registrar-General's figures) :—

CAUSES OF DEATH.	MALES	FEMALES
ALL CAUSES	301	225
Typhoid and Paratyphoid Fevers	0	0
Cerebro Spinal Fever	0	0
Scarlet Fever	0	0
Whooping Cough	4	0
Diphtheria	0	3
Tuberculosis of Respiratory System	19	12
Other Forms of Tuberculosis... ..	3	4
Syphilitic Diseases	3	0
Influenza	1	0
Measles	0	0
Acute Poliomyelitis and Polioencephalitis	0	0
Acute Infectious Encephalitis	0	0
Cancer of Buccal Cavity and Oesophagus (males only)	7	0
Cancer of Uterus	0	4
Cancer of Stomach and Duodenum	12	6
Cancer of Breast	0	5
Cancer of all other Sites	30	11
Diabetes	1	1
Intra Cranial Vascular Lesions	18	24
Heart Disease	91	64
Other Diseases of Circulatory System	4	6
Bronchitis	12	12
Pneumonia	20	6
Other Respiratory Diseases	4	3
Ulceration of Stomach or Duodenum	7	0
Diarrhoea (under 2 years of age)	0	1
Appendicitis	0	3
Other Digestive Diseases	6	5
Nephritis	4	5
Puerperal and Post-abortion Sepsis	0	1
Other Maternal Causes	0	2
Premature Birth	7	7
Congenital Malformations, Birth Injury, Infantile Diseases	8	6
Suicide	3	0
Road Traffic Accidents	3	2
Other Violent Causes	9	8
All other Causes	25	24

Although there is substantial agreement between the Registrar General's classification and the local tabulation, discrepancy sometimes arises owing to modification in the light of further information obtained by the Registrar General's enquiries in indefinite cases.

DEATHS FROM PRINCIPAL ZYMOTIC DISEASES.

The seven "Principal zymotic diseases" caused deaths as follows :—

	<i>Death Rate</i>	
Diarrhoea and Enteritis (under two years) ...	5	0.02
Measles	Nil	0.00
Whooping Cough	4	0.09
Diphtheria	3	0.07
Fever (Enteric, Typhus and simple continued fever)	Nil	0.00
Scarlet fever	Nil	0.00
Smallpox	Nil	0.00

This corresponds to a death rate from all these diseases of 0.18 per 1,000 population.

GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA.

Public Health Staff.—During the year, the staff of the Public Health Department was as in the detailed list on Page 7.

(a) Laboratory Facilities.

(1) Bacteriological examination of milk and foodstuffs, etc., also bacteriological specimens from practitioners, the Infectious Diseases Hospital and the Public Health Department are examined and reported on by the Laboratory of the Northumberland County Council at Newburn-on-Tyne.

(2) Foodstuffs and water are sent for chemical examination to J. & H. S. Pattinson, Newcastle-on-Tyne.

(b) Ambulance Facilities.

(1) The Earsdon Joint Hospital Board provide motor ambulances for removal of infectious cases to Infectious Diseases Hospitals serving their combined areas.

(2) Ambulance facilities for the transport of accident and other cases to and from hospital etc. are provided by the three Corporation Ambulances, incorporated with the Civil Defence Ambulance service and personnel; besides which several industries in the area maintain their own ambulance service, and also the St. John Ambulance Association provide an ambulance at Willington Quay to serve the eastern part of the Borough.

(c) Nursing in the Home.

(1) General.

There are two voluntary nursing associations in the Borough, the Wallsend and the Willington Quay Nursing Associations respectively, each of which maintains a staff of visiting nurses.

(2) For Infectious Cases.

The Health Visitors of the local Authority where necessary visit and advise in the nursing and treatment of Infantile Diarrhoea, Ophthalmia Neonatorum, Measles, and Whooping Cough.

(3) Tuberculosis.

The authority for Tuberculosis in the area is the Northumberland County Council whose medical and nursing tuberculosis staff keep in touch with notified cases at the Tuberculosis Clinic or at their homes, also all notified cases are visited by the Local Authority's Health Visitors, and a card detailing the conditions and home circumstances is completed in each case, further a liaison is maintained regarding cases between the local Health Department and the County Council's Tuberculosis staff.

(4) Midwives.

The Northumberland County Council are the Supervising Authority under the Midwives Act, 1936, and have four paid Midwives serving in the Borough, also the Willington Quay Nursing Association provide midwives for the eastern portion of the Borough.

(d).—CLINICS AND TREATMENT CENTRES.

The New Health Centre, The Green, which was officially opened on December 21st, 1940, affords model School Clinic and Maternity and Child Welfare facilities.

CLINIC, ETC.	SITUATION.	PROVIDED BY.	WORK DONE.
1.—Maternity and Child Welfare Centre.	The Health Centre, The Green Wallsend. Open daily for treatment. Sessions Mondays and Wednesdays 2—4. Doctor in attendance Wednesdays.	Wallsend Corporation.	1.—Infant Consultations. 2.—Nursing Mother Consultations. 3.—Antenatal do. 4.—Retail of food stuffs. 5.—Dental Treatment. 6.—Light treatment (special sessions). 7.—Weighing of infants.
2.— do.	Stead Memorial Chapel, Willington Quay. Sessions—Tuesdays, Thursdays, 2-4. Doctor in attendance—Thursdays.	do.	do. Except Dental and Light treatment, which are referred to The Health Centre, Wallsend.
3.—Ante and Post Natal Clinic	The Health Centre, Wallsend and Willington Quay Maternity Hospital.	Wallsend Corporation Willington Quay Nursing Association.	Examination & supervision of ante and post-natal cases. Expectant women elect their own doctor, and attend sessions at either of the two Clinics.
4.—School Clinic.	The Health Centre, Wallsend. Sessions each weekday morning 9.30—12. Doctor in attendance Wednesday.	Wallsend Education Authority.	1.—Treatment of minor ailments of school children. 2.—Consultations & advice. 3.—Inspection of special cases. 4.—Dental treatment. 5.—Refraction of Visual Defects. 6.—Light treatment (special sessions).
5.—Tuberculosis	Vine Street, Wallsend.	Northumberland County Council.	1.—General Consultations, etc.
6.—Venereal Diseases.	Newcastle General Hospital, Westgate Road, Newcastle. Preston Hospital, Preston Road, North Shields.	do.	1.—Consultations. 2.—Treatment. also some of the local general practitioners undertake treatment at their own surgeries on behalf of the Northumberland County Council.

HOSPITAL ACCOMMODATION.

(1) *Tuberculosis.*

Treatment for tuberculosis is provided by the Northumberland County Council at the County Sanatorium, Wooley, or other Institutions, none of which are in Wallsend.

(2) *Maternity.*

The Wallsend General and Maternity Hospital provide 16 maternity beds in its Maternity Block.

The Willington Quay Maternity Hospital with 14 beds which evacuated to Stagshaw in September, 1939 still continued to function there.

(3) *Children.*

Apart from three or four cots at the Wallsend General and Maternity Hospital, no other hospital provision for children is afforded in Wallsend.

(4) *General.*

The Wallsend General Hospital which is a voluntary institution functioning in the Borough has a provision of 32 beds and 3 cots for general medical and surgical admissions.

(5) *Fever.*

The Earsdon Joint Hospital Board, with hospitals at Wallsend and Scaffold Hill provide isolation hospital accommodation for adjacent areas including Wallsend.

MATERNITY AND CHILD WELFARE.

NOTIFICATION OF BIRTHS, 1943.

Notified under the Public Health Act, 1936 (Part VII).

By Doctors and Others	...	...	...	...	115
By Midwives	...	...	...	...	985
Total	...	...	...	...	1100
Number of Stillborn	...	...	...	...	21

The proportion of still births to live births was 1.9 per cent.

Comparison with infant mortality in England and Wales :—

					Per 1000 Live Births.
England and Wales	...	...	...	...	46
126 County Boroughs and Great Towns (including London)	...	...	...	...	52
148 Smaller Towns (Resident Populations 25,000 to 50,000 at 1931 Census)	...	...	...	...	44
London	...	...	...	...	61
WALLSEND	...	...	...	...	59.1

Comparison with previous infant mortality in Wallsend :—

1917	...	...	...	...	125.1
1918	...	...	...	...	113.3
1919	...	...	...	...	133.6
1920	...	...	...	...	111.9
1921	...	...	...	...	110.5
1922	...	...	...	...	92.6
1923	...	...	...	...	79.2
1924	...	...	...	...	91.8
1925	...	...	...	...	108.6
1926	...	...	...	...	63.1
1927	...	...	...	...	85.7
1928	...	...	...	...	83.07
1929	...	...	...	...	94.4
1930	...	...	...	...	72.5
1931	...	...	...	...	85.8
1932	...	...	...	...	80.3
1933	...	...	...	...	78.1
1934	...	...	...	...	78.1
1935	...	...	...	...	66.1
1936	...	...	...	...	78.7
1937	...	...	...	...	71.6
1938	...	...	...	...	85.5
1939	...	...	...	...	56.9
1940	...	...	...	...	52.1
1941	...	...	...	...	90.9
1942	...	...	...	...	77.1
1943	...	...	...	...	77.2
1944	...	...	...	...	59.1

Infant Deaths—

Legitimate	...	...	...	...	60
Illegitimate	...	...	...	...	3
					—
					63
					—

Death Rate per 1,000 Births—

Legitimate	...	...	...	...	59.2
Illegitimate	...	...	...	...	57.7

The following table shows the number of infant deaths and infant mortality rates for each of the municipal wards :—

INFANT DEATHS AND INFANT MORTALITY RATES
IN EACH WARD FOR 1944

WARDS.				Births. Assigned to Wards	Deaths under 1 year.	Death rate per 1,000 Births.
Northumberland ...	...	...	...	47	5	106.3
Wallsend ...	...	...	...	122	8	65.5
Carville ...	...	...	...	105	5	47.6
Buddle ...	...	...	...	256	11	42.9
Holy Cross ...	...	...	...	109	6	55.0
Hadrian ...	...	...	...	68	3	44.2
Willington ...	...	...	...	186	10	53.7
Willington Quay ...	...	...	...	70	3	42.8
Howdon ...	...	...	...	91	12	131.8
Totals ...	...	...	...	1054	63	59.1

Infantile Mortality.—The Registrar General's return records 63 deaths among infants under one year, during 1944, which, with 1065 births shews an infantile mortality rate of 59.1 per 1,000 births compared with 77.2 in 1943.

Of the 63 deaths, 40 occurred among males and 23 among females, an infant mortality rate of 71.7 and 45.3 per 1,000 male and female births respectively.

There were 3 deaths of illegitimate children.

Neo-natal deaths or deaths occurring in the first month of life numbered 29, or a neo-natal infant death rate of 25.3 per 1,000 births. Further, of the 29 infants who died in the first month of life, 22 died in the first week.

The principal causes of Infant Deaths under one year, were :

ANTE NATAL :

Prematurity	...	...	...	...	...	...	14
Debility	...	...	...	...	...	...	14

POST NATAL :

Pneumonia	...	...	...	...	...	...	12
Bronchitis	...	...	...	...	...	...	10
Diarrhoea	...	...	...	...	...	...	2

Whilst it is pleasing to record a continued birth rate much in excess of that for the smaller towns of 25,000 and 50,000 inhabitants as well as the country generally, it is further pleasing to note for the year an infantile mortality rate of 59.1 which is the third lowest on record for the Borough and a great improvement compared to the two preceding years. Though the rate still remains somewhat higher than for the country generally the fact that of the 63 deaths during the year occurring in children before attaining one year of age, 29 died in the first month of existence and 22 died in the first week, still suggests continued effort and vigilance in the pre-natal care, nourishment, and welfare of expectant mothers.

PUERPERAL FEVER

	1940	1941	1942	1943	1944
No. of Cases Notified	1	1	...	2	1
No. of Deaths	...	...	...	1	...

PUERPERAL FEVER.

The above Puerperal Fever case was a domiciliary case who was removed to hospital where she made a good recovery.

PUERPERAL PYREXIA

	1940	1941	1942	1943	1944
No. of Cases Notified	4	3	3	2	1
No. of Deaths	...	1	1	1	...

PUERPERAL PYREXIA.

The case of Puerperal Pyrexia was a non Wallsend resident, hospital case, and the patient made an uninterrupted recovery.

MATERNAL MORTALITY.

Three deaths were recorded during the year. The cause of death being hereunder. All the cases were admitted to and died in hospital.

- (1) Broncho Pneumonia due to Septicaemia following a Septic Miscarriage, but there was no evidence to show the cause of the miscarriage.
- (2) 1a. Obstetric Shock.
b. Lower segment, Caesarian Section.
2. Contracted Pelvis.
- (3) 1a. Obstetric Shock.
b. Prolonged Labour.
c. Uterine Inertia.

OPHTHALMIA NEONATORUM.

One case of ophthalmia neonatorum notified during the year, was visited by a Health Visitor.

	Cases Notified.	Treated at Home.	Treated at Hospital	Vision Unim- paired.	Vision Im- paired.	Total Blind- ness.
Ophthalmia Neonatorum ...	1	1	0	1	—	—

Work of Health Visitors.—Visits by Health Visitors during the year :—

First visits to expectant mothers ...	280
Re-visits to expectant mothers ...	187
First visits to infants ...	970
Re-visits to infants ...	1982
Re-visits to infants 1-5 years ...	2649

SPECIAL VISITS BY HEALTH VISITORS.

DISEASES	No. of Cases Notified	No. of Cases Visited	No. of Cases Nursed	No. of Cases Re- moved to Hospital
Ophthalmia Neonatorum ...	1	1	—	—
Puerperal Fever ...	1	1	—	1
Puerperal Pyrexia ...	1	—	—	—
Measles ...	78	77	—	—
Whooping Cough ...	117	115	—	—

INFANT LIFE PROTECTION.

At the beginning of the year 1944, five nursed out children were on the Local Authority Register. One child was added during the year and three removed (cause of removal being, one child died, one child adopted, one child attained the age of 9 years) so that, at the end of the year, three children remained on the Register, all of whom were under the supervisory observation of the Local Authority Health Visitor.

ADOPTION OF CHILDREN (REGULATION) 1939

Ministry of Health Circular 2790 of 18 March, 1943.

The above Regulation came into force on 1st June, 1943.

Number of persons who gave notice under Section 7 (3) during the year...	12
Number of children adopted during the year ...	8
Number of Children under supervision at the end of the year ...	18

SUMMARY OF ATTENDANCES AT MATERNITY AND CHILD WELFARE CENTRES.

	WALLSEND CENTRE.	WILLINGTON QUAY CENTRE.	TOTAL.
Attendances during the year—			
By Health Visitors	298	206	504
„ Infants	19089	8559	27648
„ Children, 1 to 5 years... ..	15510	5479	20989
„ Expectant Mothers	666	438	1104
Consultations—			
Infants and Children	921	478	1399
Expectant Mothers	212	100	312
Average Weekly Attendances—			
(a) Health Visitors	6	4	10
(b) Infants	367	164	531
(c) Children, 1 to 5 years	298	105	403
(d) Expectant Mothers	12	8	20
Average Weekly Consultations—			
Infants and Children	13	8	21
Expectant Mothers	4	2	6
Number who attended for the First Time—			
Infants and Children	716	292	1008
Expectant Mothers	199	101	300

TREATMENT CARRIED OUT AT THE MATERNITY AND CHILD WELFARE CENTRES.

Abscess	11 cases treated.
Burns and Scalds	5 „
Circumcisions (dressed)	69 „
Conjunctivitis and Blepharitis	3 „
Eczema and Dermatitis	5 „
Impetigo	39 „
Otorrhoea	7 „
Ringworm	— „
Septic Conditions	72 „
Umbilical Hernia	59 „
Scabies	9 „
Seborrhoea	3 „

DRIED MILK AND OTHER FOOD STUFFS.

In addition to 24.1 tons of dried milk of several propriety brands sold at cost price at the Maternity and Child Welfare Centres during the year, as compared with 18.5 tons in the preceding year, there was also retailed at cost price other supplementary foodstuffs as hereunder :—

Virol	1356 lbs.
Numol	1146 lbs.
Colact	1152 lbs.
Devonlac	900 lbs.

MIDWIFERY AND MATERNITY SERVICES.

The Northumberland County Council who are the supervising Authority under the Midwives Acts provide a domiciliary midwifery service for the area, and it is the duty of midwives under the Central Midwives Board regulations to seek medical assistance at the cost of the Supervising Authority for abnormalities or difficulties during confinement, and for mothers and infants during the puerperium.

Besides the above, the Local Maternity and Child Welfare Authority affords medical practitioners specialist consultation and assistance for any ante, intra or post natal abnormal condition of mother or infant up to the end of the puerperium, in addition to which, on application, a free maternity outfit is afforded to expectant mothers in the Borough, for whom also a free ante and post natal medical supervision is provided by a panel of local general medical practitioners, who are paid a capitation fee in respect of each case, and choice of doctor is exercised by the expectant mother herself.

In addition to maternity hospital provision of 16 beds at the Wallsend Hospital, the County Council with a maternity hospital at Dilston Hall and the County Nursing Association's maternity hospital at Stagshaw, all admit maternity cases from Wallsend, and the local Maternity and Child Welfare Authority pay to these respective hospitals in respect of all necessitous cases admitted from the Borough; whilst further the Princess Mary Hospital, Newcastle, also admit maternity cases from Wallsend, in respect of which cases being necessitous the sum of £80 per annum is also paid by the Local Authority.

ANTE AND POST NATAL SUPERVISION.

<i>Ante-Natal</i> —Number of expectant mothers supervised	...	...	806
Total number of attendances	...	...	3,625
<i>Post-Natal</i> —Number of mothers supervised	...	...	663
Total number of attendances	...	...	692

FREE MATERNITY OUTFITS.

Numbers applied for and supplied	...	...	209
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PRIORITY SHEETS FOR EXPECTANT MOTHERS.

Ministry of Health Circular 154/44 dated 5/11/44.

The scheme for the issue of priority blankets/or sheets for expectant mothers commenced Nov. 27th, 1944, from when, up to the end of the year 37 priority dockets for sheets were issued to 15 mothers.

HOME HELPS.

The Local Authority's Scheme for the provision of Home Help became inoperative in October, 1943, since when, owing to the inability to enlist part time helpers, due to the absorption of female workers into wartime employment, the services of Home Helpers could not be obtained.

WARTIME NURSERIES.

In accordance with Circular 2535 (Ministry of Health) and Circular 1573 (Board of Education) 5th December, 1941 in connection with the care of young children of women war workers, two Wartime Day Nurseries were established in permanent hutments erected by the Ministry, one on requisitioned land off Station Road, Wallsend, and the other at the Willington Quay Park, each for 50 children (20 under 2 years and 30 of 5 years.)

These Nurseries were opened for admission on April 24th to receive Infant children of mothers employed in war industries and work of National importance.

UNMARRIED MOTHERS, ILLEGITIMATE INFANTS AND HOMELESS CHILDREN.

The Newcastle Diocesan Association for Rescue have a Wallsend Branch and shelter at 66, Park Road in charge of Miss Edlin, and afford valuable assistance in the protection and welfare of unmarried mothers, illegitimate infants and homeless children. Besides assisting in securing affiliation orders, and situations for mothers, the Association also assists in securing admission to maternity homes and homes for infants.

During the year 1944 the following cases were assisted :—
Unmarried Mothers :

15 cases were investigated and assisted.

3 were found places in homes.

12 staying with parents were assisted.

Illegitimate Children :

13 cases were investigated, of whom

11 were looked after by relatives whilst the parents were employed.

2 were secured a foster mother, whilst the mother was employed.

SANITARY CIRCUMSTANCES OF THE AREA WATER.

The area is served by the Newcastle & Gateshead Water Company, who maintain a plentiful and wholesome supply throughout the year.

The service is adequate and satisfactory.

To ensure the maintenance of a high standard, regular chemical and bacteriological tests are made, and sources of impurities dealt with.

The Company invariably readily investigate any complaint, and effect a remedy.

To conserve the domestic supply in summer time, water is available from other sources for street watering, industrial uses etc.

DRAINAGE AND SEWERAGE.

No new sewers were installed in the Borough during the year.

RIVERS AND STREAMS.

No further development has ensued to deal with pollution in the River Tyne.

CLOSET ACCOMMODATION.

The following statement shows the existing sanitary accommodation in the district :—

No. of Dry Ashpits in the district	...	...	3
No. of Privy Ashpits in the district	...	...	5
No. of Cell Privies in the district	...	...	9
No. of Water Closets in the district	...	...	12,480
No. of Ash Receptacles in the district	...	...	13,864

The few dry ashpits, privy ashpits and cell privies which now remain are wholly confined to outlying farm properties where sewage facilities are not available.

PUBLIC CLEANSING.

Public cleansing of the Borough is carried out by the Cleansing and Transport Department under the direction of Mr. William Johnson, Public Cleansing Officer who is also Chief Sanitary Inspector.

All refuse continues to be disposed of by controlled tipping in accordance with the Ministry of Health's precautions for tipping.

SANITARY INSPECTOR'S REPORT.

SANITARY INSPECTION OF THE AREA.

Removal of Nuisances.—The various nuisances and other similar conditions dealt with under the Public Health Acts are set out in the following table :—

	Informal Notices.		Statutory Notices.	
	Nuisances	Nuisances Abated.	Nuisances	Nuisances Abated.
Animals improperly kept	4	4	...	...
Ash Receptacles, to provide	82	82	...	...
Drains defective, to repair	29	29	...	...
Drains choked, to cleanse	667	667	...	...
Dirty houses, to cleanse...	4	4	...	...
Dirty yards, to cleanse	5	5	...	...
Limewash, cowsheds	16	16	...	...
Offensive accumulations, to remove	3	3	...	...
Roofs, to repair	4	4	...	...
Scullery bench, to repair	8	6	...	...
Spouting to repair	7	7	...	...
Vermin infested houses	14	14	...	...
Water closet fittings (basins, etc. def.)	30	30	3	1
Water closets, to cleanse	5	5	...	...
Water supply, to provide	39	36	...	...
Number of Nuisances	917	912	3	1

During the year, 250 informal notices were served and 245 received attention. The remaining notices which had not become operative at the end of the year were subsequently complied with.

3 Statutory notices were served and one received attention. The remaining two Statutory notices were not operative at the end of the year.

HOUSING ACTS, 1930 TO 1936.

SECTION 9, HOUSING ACT, 1936.

259 informal notices were served relating to 1028 defects on owners of properties under the Housing Acts. 196 informal notices relating to 870 defects were complied with.

55 statutory notices relating to 272 defects were served.

35 statutory notices relating to 147 defects received attention.

63 informal notices and 20 statutory notices remained outstanding at the end of the year.

Owing to shortage of labour and materials difficulty is experienced in getting work carried out.

In seven instances work was carried out by the Corporation in default of the owners at a cost of £341 13s. 3d.

The following statement shows the number of notices served and defects dealt with :-

	Informal Notices.		Statutory Notices.	
	Defects Discovered	Defects Remedied	Defects Discovered	Defects Remedied
Ashbin, to provide	31	25	11	9
Ceilings, to repair	30	27	5	4
Chimneys, to repair or re-build ...	15	10	4	1
Doors, to repair	102	88	27	16
Drains defective, to repair or reconstruct	15	14	3	1
Fireplaces (fire bars, etc.) to repair ...	16	15	8	4
Fireplaces (brickwork) to repair ...	10	10	4	1
Floors, to repair or ventilate	44	35	14	4
Outbuildings, to repair	144	109	26	12
Ovens, to repair or renew	13	9	6	2
Range kitchen, to repair	17	15	9	4
Roofs, to repair	92	88	27	15
Scullery sinks, to repair	19	18	2	2
Scullery bench, to repair	14	11	3	1
Scullery sink trap, to repair	27	22	6	2
Set pot (fire grate) to repair or renew...	17	14	7	2
Spouting, to repair	64	55	24	14
Stairs (internal) to repair	3	3	2	1
Stairs (external) to repair or renew ...	10	9	4	1
Staircases, to cleanse	6	4	...	...
Walls (external) to repair	74	59	17	10
Walls (internal) to repair	71	65	21	14
Washhouse set-pots, to renew	16	14	3	2
Water closet fittings (basins, etc., def.)	41	37	12	9
Windows (woodwork), to repair	56	46	7	4
Windows (sashcords), to renew	59	51	10	6
Water pipes, to repair	12	9	2	2
Yard surface, to repair	10	8	8	4
Total number of defects... ..	1028	870	272	147
Total number of notices... ..	259	196	55	35

THE RENT AND MORTGAGE INTEREST (RESTRICTIONS) ACTS, 1920 TO 1933.

One application for a certificate has been granted during the year.

PREMISES AND OCCUPATIONS CONTROLLED BY BYE-LAWS AND REGULATIONS.

Number of Slaughter Houses	...	...	12
Number of Cowsheds	...	...	8
Number of Fried Fish Shops	...	...	47
Number of Common Lodging Houses	...	...	Nil.

RAG FLOCK ACTS, 1911 and 1928.

There are no premises on which rag flock is manufactured or sold as such, in the Borough.

SHOPS

28 inspections were made during the year.

SMOKE ABATEMENT

Observations have been suspended owing to the war.

PUBLIC BATHS

The Corporation provide a public swimming bath available for the public from April to October, during which time it is largely attended by swimmers of both sexes with special sessions for male, female, and mixed bathers. The water is heated and maintained at a temperature of 74-76 dgs. Fah., and a continuous aeration filtration and chlorination is maintained, so that there is a complete change over of the water every eight hours. The bath water is tested thrice daily and chlorine regulated to maintain the standard of sterilization.

Royles special chlorine apparatus is installed and chlorine is maintained at a standard of 0.2 to 0.5 parts per million of the water which is the sterilization standard recommended by the Ministry of Health.

CIVIL DEFENCE STATIC WATER TANKS.

Static water tanks have been sprayed with a special disinfectant with a view to preventing the growth of mosquito larvae.

SCHOOLS

No infectious disease became epidemic during the year, hence it was not necessary to adopt closure of any school or department to prevent spread of infection.

Contacts from infected homes are excluded from school for the incubation period and not re-admitted till medically examined and certified fit for school.

During school holidays the Elementary Schools are disinfected as well, as particular schools, class rooms, or departments when infectious diseases occur amongst the scholars.

DISINFECTION.

In every case of infectious disease disinfection of the premises is carried out. Infected clothing, bedding, etc., is removed in a motor van for disinfection to the Disinfecting Station, Town Hall, Wallsend, where a Velox Steam Disinfector is installed.

During the year, disinfection of premises was carried out as under :—

Scarlet Fever	...	...	...	...	...	120
Diphtheria	...	...	...	...	...	63
Erysipelas	...	...	...	...	...	13
Cerebro Spinal Fever	...	...	...	...	...	1
Dysentery	...	...	...	...	...	1
Tuberculosis	...	...	...	...	...	156

In addition, 638 lots of bedding were dealt with.

Disinfection of Library Books.—All library books are removed from infected households for disinfection. During the year, 156 books have been disinfected, 134 of which were from the Public Library.

DISINFESTATION.

Eradication of Bugs.—32 houses infested with bugs were disinfected during the year.

Methods employed in Disinfestation.—Bug infested households were treated with Zaldecide.

In some instances it has been found necessary to destroy skirting boards, picture rails, etc.

Removal of Slum Clearance Tenants.—Furniture and bedding from condemned houses is treated with Hydrogen Cyanide, and the work is carried out by a Contractor. Owing to the suspension of slum clearance no work has been carried out by the Contractor during the year.

INSPECTION AND SUPERVISION OF FOOD.

MILK SUPPLY.

MILK AND DAIRIES ORDER, 1926.

The following is a summary of the Milk and Dairies Register :

Number of persons registered as Cowkeepers	...	...	8
Number of premises registered as Cowsheds	...	...	8
Number of cows on registered premises (approx.)	...	158	
Number of cowkeepers who are also retailers of milk	...	8	
Number of dairies registered belonging to Cowkeepers	...	8	
Number of persons registered as Dairymen	...	...	16
Number of persons registered as retail purveyors of milk residing in the area	...	...	...
Number of persons registered as retail purveyors of milk who reside outside the area	...	...	...
			17

1.—BACTERIOLOGICAL EXAMINATION OF MILK.

Samples of milk taken in the Borough are forwarded to the County Laboratory, Newburn.

The results obtained are set out later in report.

2.—FOOD AND DRUGS ACT, 1938.

THE MILK (SPECIAL DESIGNATIONS) ORDERS 1936 TO 1941.

The following licences were issued under the Milk (Special Designations) Orders, 1936 and 1938 :—

1 licence issued to bottle Tuberculin Tested Milk.

1 licence issued to retail Tuberculin Tested Milk.

11 licences issued to retail " Pasteurised " Milk.

Two of our largest milk producers are licensed by the North-umberland County Council to produce "Accredited" Milk.

3.—SANITARY CONDITION OF COWSHEDS AND DAIRIES.

Cowsheds and dairies are periodically inspected and notices served to limewash and disinfect cowsheds.

CLEANLINESS OF MILK CHURNS.

53 empty milk churns were examined at the local railway stations, and 6 were found to be in a dirty condition. Notices were forwarded to the owners warning them against infringing the provisions of the Milk and Dairies Order.

BACTERIOLOGICAL EXAMINATION OF MILK.

(a) TUBERCLE BACILLI TEST.

2 samples of milk taken by the Health Department, and one sample by the County Health Inspector were examined as to the presence of tubercle bacilli and gave a positive result. Action was taken by the Divisional Veterinary Inspector of the Ministry of Agriculture and Fisheries in respect of the affected animals.

In addition, 4 samples of milk were found " Negative."

(b) METHYLENE BLUE TEST.

12 samples of ordinary milk and one of Accredited Milk were examined and 4 of the samples passed the prescribed test. Copies of the unsatisfactory reports were forwarded to the local retailers and also to the Health Officials of the area where the milk is produced.

(c) PLATE COUNT TEST.

11 samples of pasteurised milk were examined, and 8 satisfied the prescribed test.

Copies of the unsatisfactory reports were forwarded to the local retailers, and also to the Health Officials where the milk is pasteurised.

(d) PHOSPHATASE TEST.

A sample of pasteurised milk was forwarded to the Public Analyst for the Phosphatase Test.

The result was as follows :—

Blue Units.

Lovibond Colour Readings 1.9

The sample proved to be genuine pasteurised milk and sufficiently heated.

MEAT AND OTHER FOODS.

CENTRALISED SLAUGHTERING.

As in the previous year, all slaughtering of food animals is carried out in Newcastle under Government Control.

UN SOUND FOOD.

The following unwholesome foodstuffs were condemned during the year :

	CWTS.	QRS.	LBS.
Beef	5	...	15
Bacon	...	...	21
Cassorole Steak	2	1	8
Corned Beef (tinned)	...	...	6
Chopped Ham (tinned)	2	1	11
Chittlings	3	...	...
Luncheon Meat (tinned)	10	3	3
Mutton	...	1	21
Sausage Meat (tinned)	...	1	8
Sausage Meat	...	2	28
Sausage	1	...	21
Apples	1	...	...
Baking Powder	30	...	...
Beans (tinned)	5	3	2
Beans	2	...	...
Butter	...	...	6
Cheese	...	...	6
Custard Powder	...	1	16
Eggs (frozen)	...	1	2
Eggs (dried)	8	3	12
Fish	4	3	...
Fish (tinned)	3	1	1
Fruit (tinned)	...	1	11
Flour	2	...	...
Jam	2	3	19
Oatmeal	...	...	19
Peas	...	...	18
Peas (tinned)	...	...	13
Potatoes	...	3	...
Prunes	3	1	12
Puddings	8	...	13
Raisins	...	...	25
Semolina	...	...	27
Sauce	...	...	21
Sugar	...	1	3
Suet	...	...	8
Vegetables	2	...	12
Tomatoes (tinned)	...	...	17
Milk, 3103 tins			
Loaves, 505 lbs.			

Condemned meat is sent to an Artificial Manure Manufacturer, Newcastle, and the remaining foodstuffs utilised for Kitchen Waste.

ADULTERATION, ETC.

Action taken under the Food and Drugs (Adulteration) Act, 1928, the Food and Drugs Act, 1938, the Artificial Cream Act, 1929, the Public Health (Condensed Milk) Regulations 1923 and 1927, the Public Health (Dried Milk) Regulations 1923 and 1927, and the Public Health (Preservatives, etc. in Food) Regulations 1925 to 1939.

The above are administered by the Weights and Measures Department of the Northumberland County Council, and I am indebted to the Chief Inspector of that Department for the following statement showing the number, nature of samples, and action taken during the year :-

SAMPLE OF :—	No. OF SAMPLES	GENUINE	NOT GENUINE.	REMARKS.
Baking Powder ...	3	2	1	Contained only 3.30% C.O.2. Useless as Baking Powder. Fine £10, Costs 17/6.
Beef Sausages ...	2	1	1	17% deficient in Meat. Fine £5. Costs 15/-.
Coffee Essence with Chicory ...	1	1		
Corsecut Barley ...	1	1		
Currie Powder ...	1	1		
Devon Cream Toffee ...	1	1		
Dried Apricots ...	1	1		
Egg Substitute Powder ...	1	1		
Fish Cakes ...	2	2		
Gravy Salt ...	1	1		
Health Salts ...	1	1		
Horseradish Cream Sauce ...	1	1		
Lard ...	1	1		
Luncheon Sausage ...	1	1		
Meat Paste ...	2	2		
Milk ...	33	32	1	Proceedings pending.
Oatmeal ...	1	1		
Pork Sausages ...	3	2	1	25% deficient in Meat. Fine £5. Costs 15/-.
Pork Sausage Meat ...	3	2	1	12.5% deficient in Meat. Fine £5. Costs 15/-.
Pickles ...	1	1		
Peach Preserves ...	1	1		
Peach Pastilles ...	1	1		
Potted Meat ...	1		1	85.87% water. Under Investigation.
Rolled Oats ...	1	1		
Pure Coffee ...	1	1		
Semolina ...	2	2		
Tartaric Acid ...	1	1		
Table Vinegar ...	2	2		
Tomato Sauce ...	2	2		
Vinegar N.B. ...	1	1		
Xmas Pudding ...	1	1		
TOTALS ...	75	69	6	

DISEASES OF ANIMALS ACTS SWINE FEVER.

Two suspected outbreaks of swine fever were reported during the year, but after investigation by the Divisional Veterinary Inspector of the Ministry of Agriculture and Fisheries the disease was not confirmed.

MISCELLANEOUS.

SANITARY CONDITION OF THEATRES, MUSIC HALLS, ETC.

In accordance with instructions of the Ministry of Health, contained in Circular 120, dated August 25th, 1920, relating to the sanitary condition of the above premises, inspections were made and certificates issued regarding sanitary accommodation, proper ventilation and cleanliness.

RAT AND MOUSE DESTRUCTION.

INFESTATION ORDER 1943, S.R. & O. No. 680.

During the year, 183 rat infested premises were cleared by the Corporation Rat Catcher.

In some instances, structural alterations were carried out with a view to rendering the premises rat-proof.

SEWERS. RODENT CONTROL.

During the year the whole system of sewers in the Borough were subjected to treatment.

1069 manholes were dealt with. Pre-baiting was carried out for four days and poison baiting on the fifth day. The estimated number of rats killed based upon the amount of poison bait taken was 5,137. The poison used was Zinc Phosphide.

In the second treatment 534 manholes were baited and the estimated number of rats killed was 4,680. The poison used was Barium Carbonate.

The work was carried out by the staff of the Borough Surveyor's Department, in conjunction with that of the Health Department.

The Council intend to carry out a maintenance treatment in which all manholes are baited at periods of six months.

RATS AND MICE (DESTRUCTION) ACT, 1919.

The Northumberland County Council delegated their powers to the Wallsend Council on the 1st February, 1944, in connection with the above Act.

SHOPS ACTS 1912 TO 1934.

The following Regulations are in force in the Borough relating to the Shops Act :—

The Wallsend (General) Weekly Half Holiday Order, 1912.

The Wallsend Ironmongers and Hardwaremen Closing Order, 1912.

The Fish and Poultry Dealers Weekly Half Holiday Order, 1912.

The Wallsend Butchers Shops Closing and Weekly Half Holiday (Extension) Order, 1920.

The Wallsend Tobacconists (Hours of Closing) Order, 1928.

The Wallsend Shops (Sunday Trading Restriction Act, 1936) Partial Exemption Order, 1938.

Emergency Powers (Defence) Act (Hours of Closing) Shops, 1939.

PETROLEUM ACTS.

THE PETROLEUM (CONSOLIDATED) REGULATIONS, 1928.

The following stores are licensed under the Petroleum Acts :—

Petrol Stores	...	...	...	14
Carbide of Calcium Stores	...			5
				19

The premises are periodically inspected, and any infringement of the Petroleum Acts is brought to the notice of the occupiers.

Licences are renewed each year by the Local Authority.

FACTORIES ACT, 1937.

2 notices were received from H.M. Inspector of Factories relating to sanitary accommodation at factories. One of the notices was complied with. The remaining notice is receiving attention.

There are 70 registered factories in the Borough.

OUTWORKERS.

Notice was received from the Newcastle Authority regarding an outworker employed in the Borough.

The premises were inspected and found in a satisfactory condition.

HEALTH PROPAGANDA.

Posters supplied by the Central Council for Health Education have again been displayed each month on the poster frames previously used by the Empire Marketing Board.

PREVALENCE OF, AND CONTROL OVER, INFECTIOUS AND OTHER DISEASES.

NOTIFIABLE DISEASES.

The following is a list of the infectious diseases compulsorily notifiable in the Borough :—

Small-pox, cholera, diphtheria, membranous croup, erysipelas, acute poliomyelitis, cerebro spinal meningitis, ophthalmia neonatorum, puerperal pyrexia, disease known as scarlatina, or scarlet fever, acute polio-encephalitis, encephalitis lethargica, tuberculosis, (all forms), acute primary pneumonia, acute influenzal pneumonia, (Malaria, dysentery), and the fevers known by any of the following names :—typhus, typhoid, enteric, relapsing, continued or puerperal.

Measles and whooping cough were made notifiable by regulation in October, 1939.

Prevalance.— During the year 1944, there were 704 cases of infectious disease notified as compared with 1044 in 1943.

For the table of infectious diseases notified, age and distribution, see Table II of Appendix.

DISEASE.				TOTAL CASES NOTIFIED.	TOTAL DEATHS.
Cerebro Spinal Fever	...	...	...	1	—
Scarlet Fever	...	...	...	120	—
Diphtheria	...	...	...	63	3
Puerperal Pyrexia	...	...	...	1	—
Puerperal Fever	...	...	...	1	—
Erysipelas	...	...	...	13	—
Pneumonia	...	...	...	94	26
Dysentery	...	...	...	1	—
Ophthalmia Neonatorum	...	...	...	1	—
Measles	...	...	...	153	—
Whooping Cough	...	...	...	162	4
Respiratory Tuberculosis	...	...	...	72	31
Other Tuberculous Diseases	...	...	...	22	7
TOTALS	...	...	...	704	71

DIPHTHERIA IMMUNISATION.

	0-5	5-15	Total
(1) Number of children completing full course of immunisation during 1944	372	117	489
(2) Approx. estimated number of children in Borough at 31st Dec., 1944	3750	6529	10279
(3) Estimated percentage of child population shown under (2) immunised as at 31st Dec., 1944	... 63.3% (1-5 yrs. 79.1%)	85.0%	—
(A) No. of notified cases of Diphtheria under 15 years of age			48
(B) No. of cases in (A) who had completed immunisation not less than 12 weeks before onset of disease		...	21
(C) No. of deaths from Diphtheria belonging to the Borough of children under 15 years of age	...	...	2
(D) No. of deaths in (C) who had completed immunisation not less than 12 weeks before onset of disease		...	Nil

TUBERCULOSIS.

NEW CASES AND MORTALITY DURING 1944.

AGE-PERIODS	NEW CASES.				DEATHS. OLD AND NEW CASES.			
	RESPIRATORY		NON-RESPIRATORY		RESPIRATORY		NON-RESPIRATORY	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
Under 1 year	...	...	1	...	...	...	...	...
1 to 5 years	1	1	...	2	...	1	1	1
5 to 10 „	2	...	3	3	...	...	...	1
10 to 15 „	2	1	1	2	...	...	...	...
15 to 20 „	10	6	1	1	...	3	...	...
20 to 25 „	7	12	1	2	2	3	...	...
25 to 35 „	7	9	...	2	6	4	...	2
35 to 45 „	5	1	1	1	4	1	2	...
45 to 55 „	3	1	1	...	4	...	...	...
55 to 65 „	2	1	...	...	3	...	...	...
65 & upwards	1	...	...	...	...	...	...	...
TOTALS	40	32	9	13	19	12	3	4

13 deaths occurred of persons belonging to, but residing outside the Borough, including 3 who had not been previously notified.

			Respiratory Tuberculosis					Non-Respiratory Tuberculosis				
			1940	1941	1942	1943	1944	1940	1941	1942	1943	1944
No. of Cases Notified	...		67	69	58	80	72	20	24	20	18	22
Attack Rate per 1,000 Population	...	...	1.5	1.57	1.33	1.86	1.64	.45	.54	.46	.42	0.50
No. of Deaths	...	...	51	45	21	37	31	13	11	5	8	7
Death Rate per 1,000 Population	...	...	1.1	1.02	.48	.86	0.70	.29	.25	.11	.18	0.16

Pulmonary Tuberculosis.—72 new cases were notified during the year, as compared with 80 in the preceding year, whilst there were 31 deaths.

Non-Pulmonary Tuberculosis.—22 new cases were notified, as compared with 18 in 1943. 7 deaths occurred from non-Pulmonary Tuberculosis, as compared with 8 in the previous year.

Sanatorium Treatment.—During the year 56 cases received sanatorium treatment.

Statement of particulars appearing in the Register of Notification of cases of tuberculosis for the year 1944 :—

	PULMONARY.			NON-PULMONARY.			Pulmonary and Non-Pulmonary. Total.
	Males.	Females.	Total.	Males.	Females.	Total.	
(1) Number of cases of Tuberculosis on the Register at the commencement of the year	121	110	231	58	43	101	332
(2) Number of cases notified under the Regulations 1930 of for the first time during the year	35	33	68	9	12	21	89
(3) Number of cases added to the Register otherwise than by notification	5	—	5	—	—	—	5
(4) Number of cases removed from the Register during the year ...	36	34	70	20	18	38	108
(5) Number of cases remaining on the Register at the end of the year	124	110	234	47	38	85	319

VENEREAL DISEASES PROPAGANDA.

Circular No. 2727 of the 8th January, 1943 and Circular No. 2805
dated 15th April, 1943.

During the year posters have again been distributed throughout the Borough.

SCABIES.

Scabies, though less prevalent than in the preceding year, continued to demand energetic measures to curtail its incidence and afford curative treatment, which latter throughout the year was undertaken at the Richardson Dees School First Aid Post Cleansing Station under supervision by the Post male and female personnel respectively for the different sexes—the patients mostly treated being infected school children.

During the year 226 cases were treated.

SMALL-POX.

No case of Small Pox occurred during the year.

The following table shews the number of primary vaccinations by Public Vaccinator, 1923-1944.

	No. OF BIRTHS.	No. OF VACCINATIONS.	PERCENTAGE OF VACCINATIONS TO BIRTHS.
1923 ...	1,211	701	57.9
1924 ...	1,089	672	61.7
1925 ...	1,068	659	61.7
1926 ...	1,029	759	73.7
1927 ...	945	642	67.9
1928 ...	951	566	59.5
1929 ...	900	472	52.4
1930 ...	882	314	35.6
1931 ...	885	514	58.07
1932 ...	759	464	61.0
1933 ...	717	309	43.09
1934 ...	768	339	44.2
1935 ...	711	253	35.3
1936 ...	711	341	47.6
1937 ...	726	324	44.6
1938 ...	736	234	31.8
1939 ...	781	266	34.1
1940 ...	863	332	38.4
1941 ...	847	406	47.9
1942 ...	855	460	53.8
1943 ...	893	437	48.9
1944 ...	1065	497	46.6

During 1944, 105 primary vaccinations were carried out by private medical practitioners.

LABORATORY WORK.

During the year the examination of all bacteriological specimens was undertaken by the Northumberland County Council.

The annexed table shows the nature and number of specimens submitted during the year, together with the results of bacteriological examination.

Disease Suspected.	Medical Practioner.		M.O.H. Wallsend		County Tuberculosis Officer.		Total		Grand Total.
Diphtheria	27	94	...	6	...	...	27	100	127
Dysentery	...	2	...	...	...	...	...	2	2
Pulmonary Tuberculosis	13	72	...	...	25	228	38	300	338
Other	2	3	...	...	...	...	2	3	5
Totals	42	171	...	6	25	228	67	405	472

APPENDIX TABLES,
I. to VII.

TABLE I.

Vital Statistics of Whole District during 1944
and Previous Years.

Year	Population estimated to Middle of each Year.	Births			Total Deaths Registered in the District		Transferable Deaths		Net Deaths belonging to the District			
		Uncorrected Number.	Net.		Number.	Rate.	Of Non-residents registered in the District.	Of Residents not registered in the District.	Under 1 yr.		At all ages	
			Number.	Rate.					Number.	Rate per 1000 Net Births.	Number.	Rate.
1	2	3	4	5	6	7	8	9	10	1	12	13
1913	43,700	1287	1297	29.7	571	13.1	5	93	154	119.5	659	15.1
1914	44,570	1396	1403	31.4	530	11.8	3	96	184	131.1	623	13.9
1915	45,700	1297	1305	28.6	640	14.0	5	105	168	128.7	740	16.2
1916	42,706	1287	1297	27.9	528	12.3	11	112	127	97.9	629	14.7
1917	43,358	1207	1207	24.9	619	14.2	—	63	151	125.1	682	15.7
1918	43,593	1314	1314	26.9	761	17.4	22	112	149	113.3	851	19.5
1919	43,689	1227	1227	26.9	618	14.1	19	123	164	133.6	722	16.5
1920	45,430	1457	1457	31.8	543	11.9	11	111	163	111.9	643	14.1
1921	43,880	1347	1393	31.7	529	12.5	4	95	154	110.5	620	14.1
1922	44,070	1101	1156	26.2	463	10.5	8	89	107	92.6	544	12.3
1923	45,030	1115	1211	26.8	423	9.3	7	94	96	79.2	510	11.3
1924	45,480	1030	1089	23.9	455	10.0	5	119	100	91.8	569	12.5
1925	45,620	1007	1068	23.4	482	10.5	5	148	116	108.6	625	13.7
1926	45,080	1008	1029	22.8	391	8.6	4	141	65	63.1	528	11.7
1927	45,730	933	945	20.6	478	10.4	9	140	81	85.7	609	13.2
1928	44,440	928	951	21.4	398	8.9	5	157	79	83.07	550	12.4
1929	44,800	894	900	20.09	432	9.6	9	176	85	94.4	599	13.4
1930	44,800	886	882	19.68	347	7.7	8	152	64	72.5	491	10.9
1931	44,870	933	885	19.71	458	10.2	7	139	76	85.9	590	13.1
1932	44,340	832	759	17.0	375	8.5	10	125	61	80.3	500	11.3
1933	43,950	815	717	16.3	370	8.6	6	147	56	78.1	511	11.6
1934	43,660	868	768	17.5	380	8.7	12	146	60	78.1	514	11.7
1935	43,660	899	711	16.2	347	7.9	9	172	48	66.1	510	11.6
1936	43,640	925	711	16.29	362	8.2	5	157	56	78.7	514	11.7
1937	43,850	994	726	16.5	383	8.7	8	167	53	71.6	542	12.3
1938	43,970	973	736	16.7	408	9.3	17	154	63	85.5	545	12.4
1939												
(a)	45,220	932	781	17.27	374	8.3	22	160	44	56.9	512	11.49
(b)	44,530											
1940	43,540	899	863	19.8	444	10.2	18	153	45	52.1	579	13.3
1941	43,890	805	847	19.2	473	10.7	27	193	77	90.9	639	14.5
1942	43,420	814	855	19.7	404	9.3	26	116	66	77.1	494	11.3
1943	43,040	878	893	20.7	412	9.5	19	172	69	77.2	565	13.1
1943	43,040	878	893	20.7	412	9.5	19	172	69	77.2	565	13.1
1944	43,960	1054	1065	24.2	501	11.1	21	156	63	59.1	526	11.9

TABLE II.

Cases of Infectious Disease notified for 52 weeks ending 31st December, 1944.

DISEASE.	Number of Cases Notified.												Total Cases Notified in Each Ward.								
	At All Ages.	At Ages—Years.											Northumberland.	Wallsend.	Carville.	Buddle.	Holy Cross	Hadrian.	Willington	Willington Quay.	Howdon.
		Under 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	10 to 15	15 to 20	20 to 35	35 to 45	45 to 65									
Small-Pox ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Scarlet Fever ...	120	2	6	8	6	6	59	17	10	5	1	...	...	21	21	19	6	30	5	8	...
Diphtheria...	63	1	...	3	4	4	27	9	6	8	1	...	...	15	15	5	...	8	2	7	...
Enteric Fever ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Puerperal Pyrexia ...	1	...	...	...	...	...	...	...	...	1	...	...	...	...	1	...	...	...	...	...	...
Puerperal Fever ...	1	...	...	...	...	...	...	...	...	1	...	...	...	...	1	...	...	...	...	...	...
Erysipelas ...	13	...	...	...	...	...	...	...	...	1	4	8	...	...	4	...	2	1	...	...	...
Pneumonia ...	94	20	9	8	3	2	7	1	6	9	6	19	4	15	17	1	5	21	7	13	...
Malaria ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dysentery ...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ophthalmia Neonatorum...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Encephalitis Lethargica ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cerebro Spinal Fever ...	1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	...	...	...	...	...
Acute Poliomyelitis ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Whooping Cough ...	162	14	27	31	27	19	40	2	...	1	...	1	...	39	45	18	16	20	1	4	...
Measles ...	153	11	13	19	21	14	68	4	2	1	...	...	...	12	20	8	9	35	16	50	...
Respiratory Tuberculosis	72	...	...	...	...	2	2	3	16	36	6	6	1	10	21	4	7	13	3	3	...
Other Tuberculous Diseases	22	1	...	1	1	...	6	3	2	5	2	1	...	4	8	...	...	3	2	2	...
Totals ...	704	51	55	70	62	47	209	39	42	69	20	35	5	118	153	56	47	131	36	87	...

TABLE

Causes of, and Ages at,

Causes of Death.	Deaths at the subjoined ages of " Residents " whether occurring in or beyond the District.								
	All Ages	Under 1	1 and under 2	2 and under 5	5 and under 15	15 and under 25	25 and under 45	45 and under 65	65 and upwards
Typhoid & Paratyphoid fevers	...	...	...	...	...	...	...	...	...
Cerebro Spinal Fever	...	...	...	...	...	...	...	...	...
Scarlet Fever...	...	...	...	...	...	...	...	...	...
Whooping Cough	4	2	...	1	1	...	...	...	...
Diphtheria	3	...	...	1	2	...	...	...	...
Tuberculosis of Respiratory System	31	...	...	1	...	8	15	7	...
Other forms of Tuberculosis	7	...	1	1	1	...	2	2	...
Syphilitic Diseases	3	...	...	...	...	...	2	1	...
Influenza	1	...	...	...	...	...	...	1	...
Measles	...	...	...	...	...	...	...	...	...
Acute Poliomyelitis and Polioencephalitis	...	...	...	...	...	...	...	...	...
Acute Infectious Encephalitis	...	...	...	...	...	...	...	...	...
Cancer of Buccal Cavity and Oesophagus (males only)	7	...	...	...	...	...	1	...	6
Cancer of Uterus	4	...	...	...	...	...	...	2	2
Cancer of Stomach and Duodenum	18	...	...	...	...	...	...	9	9
Cancer of Breast	5	...	...	...	...	...	...	3	2
Cancer of all other Sites	41	...	...	...	...	...	4	20	17
Diabetes	2	...	...	...	...	1	...	...	1
Intra Cranial Vascular Lesions	42	...	1	...	...	2	2	14	23
Heart Disease	155	1	...	...	...	1	10	45	98
Other Diseases of Circulatory System	10	...	...	...	...	1	2	3	4
Bronchitis	24	12	...	...	...	...	1	4	7
Pneumonia	26	12	...	...	...	...	...	5	9
Other Respiratory Diseases...	7	...	...	...	...	...	...	3	4
Ulceration of Stomach or Duodenum	7	...	...	...	...	1	2	3	1
Diarrhoea (under 2 yrs. of age)	1	1	...	...	...	...	...	...	...
Appendicitis	3	...	...	...	...	...	1	1	1
Other Digestive Diseases	11	1	...	...	1	...	...	5	4
Nephritis	9	...	...	...	...	2	2	2	3
Puerperal and Post-Abortive Sepsis	1	...	...	...	...	...	1	...	...
Other Maternal Causes	2	...	...	...	...	...	2	...	...
Premature Birth	14	14	...	...	...	...	...	...	...
Congenital Malformations, Birth Injury, Infantile Diseases	14	14	...	...	...	...	...	...	...
Suicide	3	...	...	...	...	...	1	2	...
Road Traffic Accidents	5	...	...	1	1	1	...	...	2
Other Violent Causes	17	...	...	...	2	1	2	3	9
All Other Causes	49	6	1	...	1	...	4	10	27
TOTALS	526	63	3	5	9	18	54	145	229

III.

Death during the Year 1944.

Deaths at all ages of "Residents" belonging to the Wards,
whether occurring in or beyond the District.

Northum- berland	Wallsend	Carville	Buddle	Holy Cross	Hadrian	Will'gton	Will'gton Quay	Howdon
...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...
...	1	...	1	...	...	2	...	...
1	1	...	...	...	...	...	...	1
...	...	...	...	...	...	...	...	...
1	3	3	4	4	2	6	4	4
...	...	1	1	...	...	4	1	...
...	1	...	...	...	...	2	...	...
...	...	...	...	...	1	...	...	...
...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...
...	2	...	1	1	2	1	...	...
...	...	2	...	...	1	1	...	...
...	3	2	5	1	3	1	1	2
...	...	1	3	...	...	1	...	...
3	4	6	13	1	1	5	3	5
...	...	...	...	1	...	1	...	...
3	4	3	8	6	4	8	3	3
8	19	15	33	15	22	25	6	11
...	3	...	3	1	1	1	1	...
1	3	3	5	3	2	4	...	3
4	4	2	4	2	2	3	...	5
...	2	1	...	2	...	1	...	1
...	2	...	1	...	1	1	1	1
...	...	...	1	...	...	...	...	...
1	...	...	...	...	1	1	...	...
2	2	1	3	...	...	2	...	1
...	1	3	2	1	...	1	...	1
...	...	1	...	...	...	...	...	...
...	...	...	...	...	...	2	...	...
1	1	2	3	1	2	...	1	3
...	...	...	...	...	...	...	...	...
1	1	...	5	2	1	2	...	2
...	...	...	2	...	...	1	...	...
...	...	...	1	2	...	1	1	...
3	3	2	2	...	3	...	...	4
1	3	2	12	6	10	10	3	2
30	63	51	113	49	59	87	25	49

TABLE IV.

Causes of, and Ages at, Deaths of Residents Registered Beyond the District.

CAUSES OF DEATH.	All Ages	under 1	1 & under 2	2 & under 5	5 & under 15	15 & under 25	25 & under 45	45 & under 65	65 & up- wards	North- berland	Wallsend	Carville	Buddle	Holy Cross	Hadrian	Willington	Willington Quay	Howdon
Typhoid and Paratyphoid Fevers ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cerebro Spinal Fever ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Scarlet Fever ...	1	...	...	1	...	...	...	...	...	1	...	...	1	...	...	...	...	...
Whooping Cough ...	1	...	...	1	...	...	...	...	...	1	...	...	1	...	...	...	...	...
Diphtheria ...	9	...	...	...	...	2	4	3	...	1	...	1	1	1	...	1	...	2
Tuberculosis of Respiratory System ...	4	...	1	1	...	...	...	1	...	...	...	1	...	...	...	3	...	...
Other forms of Tuberculosis ...	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1	...	...
Syphilitic Diseases ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Influenza ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Measles ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Acute Poliomyelitis and Polioencephalitis ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Acute Infectious Encephalitis ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cancer of Buccal Cavity & Oesophagus (males only)	1	...	...	...	...	...	1	...	...	...	...	...	...	...	1	...	...	...
Cancer of Uterus ...	1	...	...	...	...	...	...	1	...	...	...	1	1	...	1	...	...	...
Cancer of Stomach and Duodenum ...	4	...	...	...	...	...	...	3	1	...	...	1	1	...	1	...	1	...
Cancer of Breast ...	1	...	...	...	...	...	...	1	...	...	...	...	1	...	...	...	...	...
Cancer of all other Sites ...	14	...	...	...	...	...	2	5	7	2	2	2	6	...	1	1	...	...
Diabetes ...	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...
Intra Cranial Vascular Lesions ...	14	...	1	...	...	2	...	3	8	...	2	3	1	4	1	2	1	...
Heart Disease ...	32	...	...	...	...	1	...	6	25	2	3	3	3	1	1	3	3	...
Other Diseases of Circulatory System ...	6	...	...	...	...	1	2	2	1	...	2	...	2	1	1	...	...	...
Bronchitis ...	2	...	...	...	...	...	...	...	2	...	1	...	...	...	...	...	...	...
Pneumonia ...	7	3	...	...	...	...	...	1	3	...	...	...	2	2	1	...	...	...
Other Respiratory Diseases ...	1	...	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	2
Ulceration of Stomach or Duodenum ...	5	...	...	...	...	1	1	3	...	...	2	...	1	...	...	...	...	1
Diarrhoea (under 2 years of age) ...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...
Appendicitis ...	2	...	...	...	...	...	...	1	...	...	...	...	...	...	1	...	...	...
Other Digestive Diseases ...	5	...	...	...	...	...	1	2	3	...	1	1	2	...	1	1	...	...
Nephritis ...	3	...	...	...	...	...	1	2	...	...	1	1	...	...	...	1	...	1
Puerperal and Post-Abortive Sepsis ...	1	...	...	...	...	...	1	...	...	...	...	1	...	...	...	...	...	...
Other Maternal Causes ...	2	...	...	...	...	...	2	...	...	...	...	1	...	...	...	...	...	...
Premature Birth ...	2	2	...	...	...	...	...	...	...	1	...	1	...	...	...	2	...	...
Congenital Malformations, Birth Injury, Infantile Diseases ...	5	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Suicide ...	...	...	...	...	...	...	...	...	...	...	...	...	3	...	...	1	...	1
Road Traffic Accidents ...	3	...	...	1	...	...	...	...	2	...	...	...	...	...	...	...	1	...
Other Violent Causes ...	10	...	...	...	...	...	2	2	6	3	1	2	2	2	2	...	...	...
All other Causes ...	18	4	...	...	1	...	1	5	7	...	1	1	4	1	4	1	1	...
TOTALS ...	156	14	2	2	4	8	19	42	65	10	16	19	30	12	24	25	9	11

TABLE V.

Infantile Mortality during the Year 1944.

CAUSES OF DEATH.	Under 1 week	1 to 2 weeks	2 to 3 weeks	3 to 4 weeks	Total under 1 mth	1 to 3 mths.	3 to 6 mths.	6 to 9 mths.	9 to 12 mths.	Total Deaths under 1 year	Northum-berland	Wallsend	Carville	Buddle	Holy Cross	Hadrian	Willington	Willington Quay	Howdon
Influenza ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chicken-pox ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Measles ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Scarlet Fever ...	...	...	...	...	...	2	...	...	...	2	...	1	...	...	...	...	1	...	...
Whooping Cough ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diphtheria and Croup ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Erysipelas ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tuberculous Meningitis ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Abdominal Tuberculosis ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other Tuberculous Diseases ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Meningitis (not Tuberculous) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cerebro Spinal Fever ...	...	...	...	...	...	3	1	1	...	5	1	...	...	...	1	...	2	...	1
Convulsions ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Laryngitis ...	...	...	...	...	...	3	3	...	...	7	...	...	2	1	1	...	1	...	2
Bronchitis ...	...	1	...	...	1	2	6	...	1	12	2	3	1	1	1	...	1	...	3
Pneumonia (all forms) ...	...	1	1	1	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diarrhoea ...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...
Enteritis ...	...	...	...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	...
Gastritis ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Syphilis ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nephritis ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rickets ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Suffocation Overlying ...	1	...	...	...	1	1	...	...	...	2	...	...	...	1	...	...	1	...	1
Injury at Birth ...	1	...	...	...	1	...	...	...	...	1	...	...	...	...	2	...	...	...	1
Atelectasis ...	3	...	...	...	3	...	...	...	...	3	...	1	...	2	1	2	...	...	...
Congenital Malformations ...	3	1	1	...	5	...	...	...	...	5	...	1	2	2	1	2	2	...	4
Premature Birth ...	11	...	...	...	12	2	...	...	...	14	1	1	2	2	...	1	...	...	...
Atrophy, Debility, and Marasmus ...	3	...	...	...	3	3	1	...	...	7	...	1	...	3	...	1	...	...	...
Violent Deaths ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other Causes ...	...	...	...	...	...	2	1	1	...	4	1	1	...	...	...	...	1	...	...
TOTALS	22	3	3	1	29	18	13	2	1	63	5	8	5	11	6	3	10	3	12

TABLE VI.

Particulars of Work carried out by Health Visitors.

	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Totals
Number of Births Notified	82	84	79	77	93	112	104	90	97	110	87	87	1100
No. Notified by Doctors, etc.	9	8	11	11	4	16	11	15	12	8	3	2	110
„ „ Midwives	70	74	66	66	89	94	92	71	83	98	83	83	969
„ of Still Born...	3	2	2	—	—	2	1	4	—	4	1	2	21
„ of First Visits to Infants	57	97	47	71	131	64	117	71	69	77	94	75	970
„ of Re-Visits to Infants	197	225	158	154	225	132	188	145	119	91	202	146	1982
„ „ Children 1-5 years	254	356	207	265	230	180	210	179	156	176	256	180	2649
„ of First Visits to Expectant Mothers	28	35	28	24	25	22	29	19	15	21	29	5	280
„ of Re-Visits to Expectant Mothers	15	27	11	14	25	11	16	18	5	15	25	5	187
„ of Breast Fed Infants	36	62	37	55	93	43	94	52	44	47	63	52	678
„ of Partially Breast Fed Infants	7	7	4	7	11	4	8	5	10	5	10	5	83
„ of Artificially Fed Infants...	14	28	6	9	27	17	15	14	15	25	21	18	209

TABLE VII.

Birth-rates, Civilian Death-rates, Analysis of Mortality,
Maternal Mortality and Case-rates for certain Infectious
Diseases in the year 1944.

England and Wales, London,
126 Great Towns and 148
Smaller Towns.

(Provisional Figures based on Weekly and Quarterly Returns).

	ENGLAND AND WALES.	126 COUNTY BOROUGH AND GREAT TOWNS INCLUDING LONDON.	148 SMALLER TOWNS (RESIDENT POPULATIONS 25,000 TO 50,000 AT 1931 CENSUS).	LONDON ADMINISTRATIVE COUNTY.	Wallsend
Rates per 1,000 Civilian Population.					
Births :					
Live	17.6	20.3	20.9	15.0	24.2
Still	0.50	0.64	0.61	0.42	0.59
Deaths :					
All Causes	11.6	13.7	12.4	15.7	11.9
Typhoid & Paratyphoid Fevers	0.00	0.00	0.00	0.00	0.00
Scarlet Fever	0.00	0.00	0.00	0.00	0.00
Whooping Cough	0.03	0.03	0.02	0.04	0.09
Diphtheria	0.02	0.03	0.03	0.01	0.06
Influenza	0.12	0.10	0.11	0.08	0.02
Smallpox	0.00	—	—	—	—
Measles	0.01	0.01	0.01	0.00	0.00
Notifications :					
Typhoid Fever	0.01	0.01	0.01	0.01	0.00
Paratyphoid Fever	0.01	0.00	0.01	0.01	0.00
Cerebro Spinal Fever... ..	0.05	0.06	0.04	0.06	0.02
Scarlet Fever	2.40	2.41	2.67	1.57	2.73
Whooping Cough	2.49	2.49	2.29	2.90	3.68
Diphtheria	0.58	0.67	0.69	0.31	1.43
Erysipelas	0.29	0.32	0.28	0.37	0.29
Smallpox	0.00	0.00	0.00	0.00	0.00
Measles	4.16	4.51	3.94	2.98	3.48
Pneumonia	0.97	1.13	0.82	0.93	2.13
Rates per 1,000 Live Births.					
Deaths under 1 year of age	46	52	44	61	59.1
Deaths from Diarrhoea and Enteritis under 2 years of age ...	4.8	7.3	4.4	10.1	0.94
Rates per 1,000 Total Births (i.e. Live and Still).					
Maternal Mortality : (excluding Abortion)					
Puerperal Infection (No. 147)	0.28	} Not available.			} 2.71
Others	1.25				
Total	1.53				
Notifications :					
Puerperal Fever	} 10.34	} 13.13	} 9.25	3.61	0.00
Puerperal Pyrexia				14.14 inc. Puerperal Fever	1.83

